

7-8-2013

# The Purdue University Research Repository (PURR): Providing institutional data services with a virtual research environment, data publication, and archiving

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## Recommended Citation

Matthews, Courtney E. and Witt, Michael, "The Purdue University Research Repository (PURR): Providing institutional data services with a virtual research environment, data publication, and archiving" (2013). *Libraries Faculty and Staff Presentations*. Paper 56.  
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**PURDUE**  
UNIVERSITY

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Librarian & PURR Director

**July 8th, 2013**

# ***The Purdue University Research Repository (PURR):***

***Providing institutional data services with a virtual  
research environment, data publication, and archiving***

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**Purdue**  
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**University**  
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**Libraries**



**Open Repositories 2013**

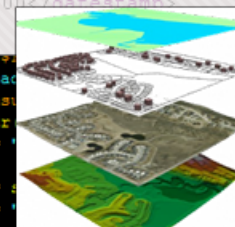
Repository Island, Charlottetown, PEI, Canada

## Publish Datasets with DOIs

Use PURR to publish datasets with Digital Object Identifiers (DOI) that make it easier for people to cite your data and give you credit. Purdue is a founding member of DataCite, the international agency that registers DOIs for data.

[Learn More](#)

```
<header>
<identifier> http://dx.doi.org/10.4231/D39P2W550
<datestamp>2012-10-24T12:28:53-04:00</datestamp>
<setSpec>Dataset</setSpec>
</header>
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<dc:title>Example of Flickr
<dc:creator>David F. Gleason
<dc:subject>Internet</dc:subject>
<dc:subject>Internet</dc:subject>
</oai_dc:dc>
</metadata>
</header>
<data>
<data>
</data>
</data>
</header>
```



## Start Your Research Project

1. Institutional collaboration
2. Service & platform
3. Demonstration

## Featured Dataset

### Evaluation of Function Predictions for Moonlighting Proteins

By Ishita K. Khan, Meghana Chitale, Catherine Rayon, Daisuke Kihara  
Purdue University, Université de Picardie Jules Verne



Supplemental datasets used for evaluation of function predictions for moonlighting proteins.

## Do you have a question?

### Ask a Librarian

Send us your email question.

[Send](#)

You will be prompted and required to enter an email address before your chat session begins.

[Send](#)

# Libraries, ITaP, and OVPR initiative

## A Purdue research core\*

A **hub**zero **hub**\*\*

## A Libraries institutional repository\*\*\*

# PURR

## SERVICE AND PLATFORM

**PURR** is a **free** online research data collaboration platform and service solution for Purdue faculty, graduates students, and staff.

**Research data** - spreadsheets, images, output from sensors and instruments, transcripts, surveys, software source code and tools, video, and observation logs

### **PURR provides:**

- ✓ Data management plan (DMP) resources and consultation
- ✓ Collaborative research data project space
- ✓ Dataset publication with Digital Object Identifier (DOI) \*
- ✓ Long-term preservation and management





# DMP REQUIREMENTS

## GRANT FUNDING AGENCIES & PRESIDENTIAL DIRECTIVE



National Science Foundation



President's Office of Science  
and Technology Policy

# SERVICES & SUPPORT

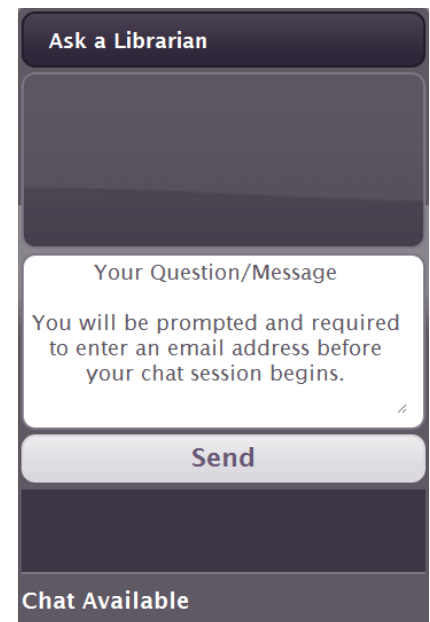
## GUIDES, TOOLS

DMP boilerplate text

DMP guides and tutorials

DMP Q & A

- Storage & pricing
- Knowledge base
- Contact Us



The screenshot shows a mobile-style chat interface. At the top is a dark header with the text 'Ask a Librarian'. Below this is a large, empty dark rectangular box for the user's question. Underneath the box is a white text area containing the prompt 'Your Question/Message' and a message stating: 'You will be prompted and required to enter an email address before your chat session begins.' Below the text area is a light gray button labeled 'Send'. At the bottom of the interface is a dark bar with the text 'Chat Available'.

# DATA PROJECT

## COLLABORATION

A **project** is a dedicated working space on PURR for you to collaborate and prepare data for publication and curation for a research project or study.





# DATA PUBLISHING

## DATA CITE & DIGITAL OBJECT IDENTIFIERS

A **dataset publication** is a collection of files and metadata chosen from a project to be disseminated with a Datacite Digital Object Identifier (DOI).

**Example: 10.4231/D39P2W550**

**Purdue is a member of Datacite**, an international not-for-profit organization that advocates for access to research data on the internet.

Purdue is **one of three Datacite DOI** registrars in the United States.

Publishing with **Datacite DOIs** increase your dataset's:

✓ Citation    ✓ Impact    ✓ Validation    ✓ Reuse



# DATA PRESERVATION

## DATASET PUBLICATIONS

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Maintained by the PURR for **10 years**

PURR is seeking ISO 16363 **trusted digital repository** certification

After 10 years they are **selected / deselected** for permanent inclusion in the Libraries collection



The logo features a dark background with a fine, repeating woven texture. On the right side, there is a stylized sunburst or fan-like graphic composed of several thin, gold-colored lines radiating from a central point. The word "PURR" is prominently displayed in a large, bold, gold-colored sans-serif font on the left side of the image.

# PURR

Purdue University Research Repository

<http://purrr.purdue.edu>

# PURR BY THE NUMBERS

## PURR IS GROWING

720+ grant proposals cite PURR in their DMPs

48 of these grants have been awarded

761 registered users

217 research projects





# QUESTIONS



## LIBRARIES

### Courtney Earl Matthews

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## NEIL ARMSTRONG HALL OF ENGINEERING

# THE PURDUE UNIVERSITY RESEARCH REPOSITORY: PURR

## MORE INFO?

**PURDUE**  
UNIVERSITY

LIBRARIES

**Courtney Earl Matthews**

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